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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,111,935 (10/760,229)
DATED : September 26, 2006
INVENTOR(S) : Kia Silverbrook and Tobin Allen King

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 15, Lines 31 to 54 (Claims 1 to 3), please amend to read:

1. A print media and printing fluid cartridge for a digital photofinishing system having a digital processor and a printer arranged to receive drive signals from the digital processor; the cartridge being arranged to be mounted removably in juxtaposition to the printer and comprising a roll of print media to be fed on demand to the printer from the cartridge, and the cartridge incorporating drive means for coupling with a print media feed drive mechanism and at least one removable printing fluid first cartridge.
2. A cartridge as claimed in claim 1 removably mounted to the digital photofinishing system in which the digital processor is arranged to receive digitised data that is representative of a photographic image and to process the data in a manner to generate a printer drive signal that is representative of the photographic image, the printer being coupled to the digital processor and being arranged to process the drive signal and effect page-width printing of the photographic image on the print media.
3. A cartridge as claimed in claim 2 wherein the digital processor is arranged to receive said digitised data from an input source selected from a scanning device, a computer disk, a digital camera output, a digital camera memory card, a digital file and an internet connection.



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Column 15, lines 55 to 67, please amend to read:

4. A cartridge as claimed in claim 2 wherein said digitised data is input to the digital processor as a standardised image compression signal and processed as JPEG files.
5. A cartridge as claimed in claim 2 wherein the printer comprises at least one print head assembly.
6. A cartridge as claimed in claim 2 wherein the printer comprises two confronting, spaced-apart print head assemblies.
7. A cartridge as claimed in claim 6 wherein the print head assemblies are arranged selectively to direct printing fluid onto at least one face of print media from the roll of print media.



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Column 16, Lines 1 to 27 (Claims 8 to 10)


8. A cartridge as claimed in claim 6 wherein each print head assembly comprises at least one print head module, each of which comprises a unitary arrangement of:

- a) a support member,
- b) at least four micro-electromechanical integrated circuit print head chips, each of which has a plurality of nozzles to and from which the printing fluid is delivered,
- c) a fluid distribution arrangement mounting each of the print head chips to the support member, and
- d) a connector for connecting electrical power and signals to each of the print head chips.

9. A cartridge as claimed in claim 8 wherein the at least one print head module is removably located in a channel portion of a casing and wherein the casing contains electrical circuitry for controlling delivery of electrical power and drive signals to the print head chips by way of the connector.

10. A cartridge as claimed in claim 2 wherein a drier means is located in series with the printer, the drier means being arranged to receive printed media directly from the printer and comprising:

- a) guide rollers for transporting the print media through the drier means, and
- b) at least one blower arranged to direct drying air onto at least one face of print media as it is transported through the dryer means.


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Column 16, Lines 28 to 51 (Claims 11 to 14)

11. A cartridge as claimed in claim 2 wherein a slitter means is located in series with the printer, the slitter means being arranged to receive printed media following passage of the printed media through the printer, to transport the printed media in a longitudinal direction away from the printer and to slit the printed media in the longitudinal direction of transportation of the printed media.

12. A cartridge as claimed in claim 11 wherein the slitter means comprises:

- a) guide rollers for transporting the print media through the slitter means,
- b) spaced-apart slitting blades mounted on rotatable shafts, and
- c) a rotatable, selectively positional turret supporting the rotatable shafts.

13. A cartridge as claimed in claim 11 wherein a guillotine is mounted to the slitter means, the guillotine being selectively actuatable to cut the print media at selected intervals.

14. A cartridge as claimed in claim 2 wherein the processor and the printer are mounted to a support structure and wherein the cartridge is removably mounted to the support structure.



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Column 16, Lines 52 to 67 and Column 17, lines 1 to 3 (Claims 15 to 18)

15. A cartridge as claimed in claim 14 wherein the support structure includes a compartment and the cartridge is removably located in the compartment.

16. A cartridge as claimed in claim 15 wherein the print media feed drive mechanism is mounted to the compartment and is arranged to engage a said roll of the print media.

17. A cartridge as claimed in claim 16 wherein a door is provided in a wall portion of the cartridge and wherein the door is arranged to be opened to enable the print media feed drive mechanism to engage the roll of print media.

18. A cartridge as claimed in claim 17 wherein the print media feed drive mechanism comprises a pivotal carrier, a first drive motor arranged to impart pivotal drive to the carrier, a primary drive roller mounted to the carrier and arranged to engage the roll of print media when the door in the primary cartridge is open, and a second drive motor arranged to impart rotary drive to the primary roller.



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Column 17, Lines 4 to 12 and Column 18, lines 1 to 18 (Claims 19 to 22)

19. A cartridge as claimed in claim 14 wherein print media feed drive mechanism is located in the cartridge and the drive means are provided on the support structure and are arranged to couple with the print media feed drive mechanism to effect feeding of the print media through the printer when the cartridge is mounted to the support structure.

20. A cartridge as claimed in claim 19 wherein the print media feed drive mechanism includes a drive roller and a pinch roller, and wherein the drive means comprises a third drive motor which is mounted to the support structure.

21. A cartridge as claimed in claim 1 wherein the printing fluid first cartridge is refillable.

22. A cartridge as claimed in claim 1 wherein the roll of print media is removably mounted to a tubular core of the cartridge and wherein the at least one printing fluid first cartridge is removably located within the tubular core.



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